

Title (en)  
BINDING MEDIUM CLAMPING MECHANISM AND BANKNOTE BINDING MACHINE CONTAINING SAME

Title (de)  
KLEMMMECHANISMUS FÜR EIN BINDUNGSMEDIUM SOWIE BANKNOTENBINDEMASCHE DAMIT

Title (fr)  
MÉCANISME DE SERRAGE DE SUPPORT DE CERCLAGE ET MACHINE DE CERCLAGE DE BILLETS DE BANQUE CONTENANT CE DERNIER

Publication  
**EP 3006353 B1 20170125 (EN)**

Application  
**EP 14804317 A 20140213**

Priority  
• CN 201310203968 A 20130528  
• CN 2014072035 W 20140213

Abstract (en)  
[origin: EP3006353A1] Disclosed are a binding medium clamping mechanism and a banknote binding machine containing the mechanism. The binding medium clamping mechanism comprises: a clamping element (1), a driving element (2), a one-way transmission element, and a clamping head opening element (4), wherein when the clamping element (1) rotates to the position of a binding medium to be clamped in a first rotation direction, the clamping head opening element (4) interferes with the clamping element (1) in positions and opens the clamping element (1), and when the clamping element (1) rotates in a second rotation direction which is opposite to the first rotation direction, the clamping head opening element (4) is pushed, so that the clamping head opening element (4) rotates to the outside of the motion track of the clamping element (1) in the first rotation direction. The clamping element (1) can move along the predetermined track via the drive of the driving element (2) and be locked when the drive is stopped. Meanwhile, the clamping head opening element (4) can interfere with the clamping element (1) when the clamping element (1) is required to be opened, and will not hinder the rotation of the clamping element (1) at other times. The entire structure is simple and compact, and the manufacturing cost is low.

IPC 8 full level  
**B65B 13/10** (2006.01); **B65B 27/08** (2006.01)

CPC (source: EP US)  
**B65B 13/10** (2013.01 - EP US); **B65B 27/08** (2013.01 - EP US)

Cited by  
US9758333B2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 3006353 A1 20160413**; **EP 3006353 A4 20160601**; **EP 3006353 B1 20170125**; AU 2014273775 A1 20151015; AU 2014273775 B2 20160211; CL 2015003105 A1 20160715; CN 103274071 A 20130904; CN 103274071 B 20150513; US 2016304223 A1 20161020; US 9561875 B2 20170207; WO 2014190783 A1 20141204; ZA 201507385 B 20170329

DOCDB simple family (application)  
**EP 14804317 A 20140213**; AU 2014273775 A 20140213; CL 2015003105 A 20151021; CN 201310203968 A 20130528; CN 2014072035 W 20140213; US 201414782581 A 20140213; ZA 201507385 A 20151006